**Water Quality Review Sheet**

1. Describe all the parts of the water cycle and how each is an important piece.
2. How are the lithosphere, atmosphere, hydrosphere, and biosphere a part of the water cycle?
3. What are the different types of saline water and how are they different?
4. Why is it so important to keep our freshwater clean and usable?
5. What does it mean for water to be potable?
6. What are the two main sources of water pollution? How are these different?
7. How are physical water tests different than chemical water tests?
8. In class we discussed and tested numerous different types of pollutants. Below it a list of some of these. For each, describe where they may come from, what they may cause if their level was too high, and how we could diminish the amount of them in our water.
   1. Chlorine
   2. Nitrate
   3. Phosphate
   4. pH
   5. Lead
   6. Arsenic
   7. Coliform
   8. Fluoride
   9. Dissolved oxygen
9. In class we discussed various problems that could occur with our water and the risk they posed to our health. We then added ways that we could fix the problems. Below are some common problems that could occur. Indicate what causes the problem, what health issues each of these could cause, and how we can fix the problem.
   1. Sewage smell
   2. Rotten egg smell
   3. Chlorine smell
   4. Metallic taste
   5. Chemical taste
   6. Reddish color
   7. Excessive soap scum
   8. Blue or green color
   9. Coloring of teeth